

App. No. 09/784,246  
Amendment Dated January 5, 2006  
Reply to Office Action of November 2, 2005

**Listing of Claims:**

1. (Currently amended) A method for configuring a multi-language mobile device to accommodate data variances among geographic locations accessing language-dependent data in a mobile electronic device, the method comprising:

providing a ~~non-localized~~ language resource data store including non-localized language-dependent elements for viewing an application in a first language; ~~data associated with a first language;~~

providing a ~~localized~~ geographical resource data store including geographically localized language-dependent elements for association with an application to update the application for a geographic location ~~information associated with the first language and a geographic location, wherein the geographically localized language-dependent elements are information is updatable upon a change associated with the geographic location;~~

processing a request from an application to retrieve geographically localized language-dependent elements ~~information associated with the first language from the localized data store, the localized data store containing localized language-dependent information for a plurality of languages and a registry;~~

providing requested geographically dependent elements ~~localized language-dependent information~~ from the geographic resource ~~localized data store~~ to the application; and

displaying the geographically dependent elements on ~~localized language-dependent information by~~ the mobile electronic device.

2. (Currently amended) The method of Claim 1, further comprising processing a second request to access the language resource data store, the language resource data store including the language-dependent elements for viewing an application in a first language, the language resource data store having a plurality of language-dependent elements, each language-dependent element being associated with a uniquely identified language, a first resource, the first resource containing the non-localized language-dependent information associated with the first language, the first resource being one of a plurality of resources, each resource of the plurality of

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~~resources containing non-localized language dependent information associated with a uniquely identified language.~~

3. (Currently amended) The method of Claim 2 wherein the language resource data store ~~first resource~~ comprises a dynamically linked library.

4. (Original) The method of Claim 1, further comprising determining a language setting of the mobile electronic device.

5. (Currently amended) The method of Claim 1 wherein the geographical resource localized data store is organized hierarchically with a plurality of levels.

6. (Currently amended) The method of Claim 5 wherein processing the request further comprises accessing a level of the geographical resource localized data store to retrieve the requested geographically-dependent element ~~localized language dependent information~~.

7. (Currently amended) The method of Claim 6, further comprising accessing another level hierarchically below the level ~~when if~~ the requested geographically-dependent element ~~localized language dependent information~~ is not found in the level.

8. (Currently amended) The method of Claim 1 wherein the geographical resource localized data store comprises a look-up table.

9. (Currently amended) The method of Claim 1 wherein the geographically dependent element ~~localized language dependent information~~ is a file name formatted in the first language.

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10. (Currently amended) The method of Claim 9 wherein the geographical resource localized data store is accessible by an application to load the a-localized file name into the application localized data store.

11. (Currently amended) A computer-readable medium having computer-executable instructions for configuring a multi-language mobile device to accommodate data variances among geographic locations, the instructions comprising: performing steps comprising:  
providing a non-localized language resource data store including non-localized language-dependent elements for viewing an application in a first language; data associated with a first language;  
providing a localized geographical resource data store including geographically localized language-dependent elements for association with an application to update the application for a geographic location information associated with the first language and a geographic location, wherein the geographically localized language-dependent elements are information is updatable upon a change associated with the geographic location;  
processing a request from an application to retrieve geographically localized language-dependent elements information associated with the first language from the localized data store, the localized data store containing localized language dependent information for a plurality of languages and a registry;  
providing requested geographically dependent elements localized language-dependent information from the geographic resource localized data store to the application; and  
displaying the geographically dependent elements on localized language-dependent information by the mobile electronic device.

12. (Currently amended) The computer-readable medium of Claim 11, further comprising processing a second request to access the language resource data store, the language resource data store including the language-dependent elements for viewing an application in a first language, the language resource data store having a plurality of language-dependent elements, each language-dependent element being associated with a uniquely identified

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language, a first resource, ~~the first resource containing the non-localized language-dependent information associated with the first language, the first resource being one of a plurality of resources, each resource of the plurality of resources containing non-localized language-dependent information associated with a uniquely identified language.~~

13. (Currently amended) The computer-readable medium of Claim 12 wherein the language resource data store ~~first resource~~ comprises a dynamically linked library.

14. (Original) The computer-readable medium of Claim 11, further comprising determining a language setting of the mobile electronic device.

15. (Currently amended) The computer-readable medium of Claim 11 wherein the geographical resource ~~localized~~ data store is organized hierarchically with a plurality of levels.

16. (Currently amended) The computer-readable medium of Claim 15 wherein processing the request further comprises accessing a level of the geographical resource ~~localized~~ data store to retrieve the requested geographically-dependent element ~~localized language-dependent information~~.

17. (Currently amended) The computer-readable medium of Claim 16, further comprising accessing another level hierarchically below the level when if the requested geographically-dependent element ~~localized language-dependent information~~ is not found in the level.

18. (Currently amended) The computer-readable medium of Claim 11 wherein the geographical resource ~~localized~~ data store comprises a look-up table.

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19. (Currently amended) The computer-readable medium of Claim 11 wherein the geographically dependent element localized language dependent information is a file name formatted in the first language.

20. (Currently amended) The computer-readable medium of Claim 19 wherein the geographical resource localized data store is accessible by an application to load the a localized file name into the application localized data store.

21. (Currently amended) A multi-language mobile electronic device, comprising:  
localized a geographic resource data store means for storing geographically dependent elements containing localized language dependent information for a plurality of languages and at least one geographic locations, wherein the geographically dependent elements are stored for association with an application to update the application for a geographic location localized language dependent information is updateable upon a change associated with the geographic location;

means for processing a request from the an application to retrieve geographically-dependent elements from the geographic resource data store means localized language dependent information associated with a first language from the localized data store means;

means for displaying information; and

means for providing requested geographically-dependent elements localized language dependent information from the geographic resource data store means localized data store means to the application to be displayed.

22. (Currently amended) The mobile electronic device of Claim 21, further comprising:

first resource a language resource data store means for storing language-dependent elements for viewing the application in a first language containing non-localized information associated with the first language, the language resource data store means first resource means having a plurality of language-dependent elements being one of a plurality of

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~~resources means, each language-dependent element being resource means of the plurality of resource means containing non-localized information associated with a uniquely identified language; and~~

~~means for processing a second request to access the language resource data store means first resource means.~~

23. (Original) The mobile electronic device of Claim 21, further comprising means for determining a language setting of the mobile electronic device.

24. (Currently amended) The mobile electronic device of Claim 21 wherein the geographic resource data store means ~~localized data store means~~ is organized hierarchically with a plurality of levels.

25. (Currently amended) The mobile electronic device of Claim 24 wherein the means for processing the second request further comprises means for accessing a level of the geographic resource data store means ~~localized data store~~ to retrieve the requested geographically-dependent elements ~~localized language-dependent information~~.

26. (Currently amended) The mobile electronic device of Claim 25 wherein the means for accessing is configured to access another level that is hierarchically below the level ~~when if~~ the requested geographically-dependent elements ~~are localized language-dependent information~~ is not found in the level.

27. (Currently amended) The mobile electronic device of Claim 21 wherein the geographic resource data store means ~~localized data store means~~ comprises a registry.

28. (Currently amended) The mobile electronic device of Claim 21 wherein the geographic resource data store means ~~localized data store means~~ comprises a look-up table.

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29. (Currently amended) The mobile electronic device of Claim 21 wherein the geographically-dependent element ~~localized language-dependent information~~ comprises a file name formatted in the first language.

30. (Currently amended) The mobile electronic device of Claim 29 wherein the geographic resource data store means ~~the localized data store means~~ is accessible by an application to load the a localized file name into the application ~~the localized data store means~~.

31. (Currently amended) A system for configuring a multi-language mobile device to accommodate data variances of geographical regions ~~accessing language-dependent data in a mobile electronic device~~, comprising:

a display unit;

a language resource data store ~~non localized data store~~ configured to store language-dependent elements for viewing an application in a first language ~~contain non-localized language-dependent information associated with a first language~~;

a geographical resource data store ~~localized data store~~ configured to store geographically-dependent elements for association with an application to update the application for a geographic location; ~~contain localized language-dependent information for a plurality of languages and a registry, wherein the localized language-dependent information is associated with a geographical location and updateable upon a change associated with the geographical location~~;

an application; and

an operating system coupled to the display, the geographical resource data store ~~localized data store~~, and the application, wherein the operating system is configured to process a request from the application to retrieve geographically-dependent elements ~~localized language-dependent information~~ ~~associated with a first language~~ from the geographical resource data store ~~localized data store~~, provide requested geographically-dependent elements ~~localized language-dependent information~~ from the geographical resource data store ~~localized data store~~ to

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the application, and cause the display unit to display the geographically-dependent elements ~~localized language-dependent information.~~

32. (Currently amended) The system of Claim 31, wherein the language resource data store includes a plurality of language-dependent elements, each of the language-dependent elements being associated with a uniquely identifier language, wherein the operating system is configured to process a second request from the application to access the language resource data store. ~~further comprising a first resource, the first resource containing the non-localized language-dependent information associated with the first language, the first resource being one of a plurality of resources, each resource of the plurality of resources containing non-localized language-dependent information associated with a uniquely identified language, wherein the operating system configured to process a second request from the application to access the first resource.~~

33. (Currently amended) The system of Claim 32 wherein the language resource data store ~~first resource~~ comprises a dynamically linked library.

34. (Original) The system of Claim 31 wherein the operating system is further configured to determine a language setting of the mobile electronic device.

35. (Currently amended) The system of Claim 31 wherein the geographical resource data store is organized hierarchically with a plurality of levels.

36. (Currently amended) The system of Claim 31 wherein the geographically-dependent elements are the localized language-dependent information ~~is associated with a base key of the registry.~~



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37. (Currently amended) The system of Claim 36 wherein the geographically-dependent elements are localized language-dependent information is associated with a sub key of the base key.

38. (Currently amended) The system of Claim 31 wherein the geographical resource data store localized data-store comprises a look-up table.

39. (Currently amended) The system of Claim 31 wherein the geographically-dependent elements are localized language-dependent information comprises a file name formatted in the first language.

40. (Currently amended) The system of Claim 39 wherein the geographical resource data store localized data-store is accessible by the application to load the a-localized file name into the application the localized data-store.

41-47 (Canceled).

48. (New) A computer-implemented method for configuring a multi-language mobile device to accommodate data variances of geographical regions, the method comprising:

- providing an application for generating user interface elements;
- providing a language resource data store, wherein the language resource data store includes language settings for the user interface elements;
- providing a geographic resource data store having geographically specific user interface elements;
- requesting a language setting associated with a language;
- providing user interface elements in the language;
- requesting a geographic specific user interface element; and
- associating the geographically specific user interface element with the application.

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49. (New) The computer-implemented method of claim 48, wherein the geographically specific user interface element is at least one of: a time zone name, daylight savings, and a name of a location.

50. (New) The computer-implemented method of claim 48, wherein the geographically specific user interface element includes the language of the language setting.

51. (New) A computer-readable medium having computer executable instructions for configuring a multi-language mobile device to accommodate data variances of geographical regions, the instructions comprising:

- providing an application for generating geographically neutral user interface elements and geographically dependent user interface elements;
- providing a language resource data store, wherein the language resource data store includes language settings for the neutral user interface elements;
- providing a geographic resource data store having the geographically specific user interface elements;
- requesting a language setting associated with a language;
- providing geographically neutral user interface elements in the language;
- requesting a geographic specific user interface element; and
- associating the geographically specific user interface element with the application.

52. (New) The computer-readable medium of claim 51, wherein the geographically specific user interface element is at least one of: a time zone name, daylight savings, and a name of a location.

53. (New) A multi-language mobile device for accommodating data variances among geographical regions, the device comprising:

- a language resource data store having language settings for user interface elements;

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a geographic resource data store having geographically specific user interface elements;

an application associated with a display for displaying the user interface elements on a display, wherein the application is configured to:

- request a language setting associated with a language;
- display the user interface elements in the language;
- request a geographically specific user interface element;
- display the geographically specific user interface elements.

54. (New) The computer-implemented method of claim 53, wherein the geographically specific user interface element is at least one of: a time zone name, daylight savings, and a name of a location.